

### Amendments to the Claims:

1. **(Currently amended)** A loudspeaker comprising:
  - a magnetic circuit having a magnetic gap;
  - a frame coupled to the magnetic circuit;
  - a voice coil having a first end positioned in the magnetic gap and a second end opposite to the first end, the voice coil having a center axis provided through the first end and the second end; and
  - a diaphragm coupled to the second end of the voice coil and the frame, the diaphragm having a first portion in which the center axis of the voice coil is provided, the first portion of the diaphragm being provided inside the voice coil, the diaphragm further having a second portion outside the voice coil,wherein one of the first portion and the second portion of the diaphragm has a cross section in a plane including the center axis, and the cross section of the one of the first portion and the second portion of the diaphragm ~~has an elliptic arc shape~~ is shaped as an arc of a non-circular ellipse.
2. **(Currently amended)** The loudspeaker according to claim 1, wherein the other of the first portion and the second portion of the diaphragm includes
  - a third portion having a cross section in the plane including the center axis, the cross section of the third portion including a first arc, and
  - a fourth portion having a cross section in the plane including the center axis, the cross section of the fourth portion including a second arc having a radius larger than a radius of the first arc, the fourth portion adjoining the third portion and being farther from the second end of the voice coil than the third portion.
3. **(Currently amended)** The loudspeaker according to claim 1, wherein the other of the first portion and the second portion of the diaphragm has a cross section in the plane

including the center axis, and the cross section of the other of the first portion and the second portion of the diaphragm ~~has an elliptic arc shape~~ is shaped as an arc of a non-circular ellipse.

4. **(Original)** The loudspeaker according to claim 1, wherein the diaphragm comprises resin material.

5. **(Original)** The loudspeaker according to claim 1, wherein the diaphragm further has a guide coupled with the second end of the voice coil.

6. **(Original)** The loudspeaker according to claim 1, wherein the diaphragm has a groove to which the second end of the voice coil is inserted.

7. **(Original)** The loudspeaker according to claim 1, wherein the first portion of the diaphragm has a dent formed therein.

Claims 8-21 **(Cancelled)**